INTERNATIONAL SEARCH REPORT

International application No.

		PCT/	JP2005/004185		
	ATION OF SUBJECT MATTER				
Int.Cl'	F16B7/18, 7/04				
According to Inte	ernational Patent Classification (IPC) or to both national	classification and IPC			
B. FIELDS SE	ARCHED				
Minimum docum	nentation searched (classification system followed by cla	ssification symbols)	20 /00 0 /06		
Int.Cl'	F16B7/00-7/22, E04B1/38-1/61,	F16B5/00-5/12, F16	B2/UU-2/26		
			in the fields seembed		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005					
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005					
Electronic data b	ase consulted during the international search (name of d	ata base and, where practicable, sea	rch terms used)		
C. DOCUMEN	ITS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.		
Y	JP 2002-81418 A (Sugatsune Ko	ogyo Co., Ltd.),	1-5		
A	22 March, 2002 (22.03.02), Par. Nos. [0007] to [0013]; F	ias 1 to 3	6		
	& US 2002-37195 A1 & DE				
	& CN 1341814 A				
Y	Microfilm of the specification	n and drawings	1-3,5		
A	annexed to the request of Japanese Utility 4,6				
	Model Application No. 101127/1981(Laid-open				
	No. 11005/1983) (Sekisui House, Ltd.),				
	24 January, 1983 (24.01.83),				
	Page 2, line 16 to page 5, li	ne 12;			
	Figs. 2 to 4 (Family: none)				
	,				
× Further do	ocuments are listed in the continuation of Box C.	See patent family annex.			
* Special cate	gories of cited documents:		he international filing date or priority		
to be of part	lefining the general state of the art which is not considered cicular relevance	the principle or theory underlyin	application but cited to understand g the invention		
"E" earlier application or patent but published on or after the international filing date		"X" document of particular relevance considered novel or cannot be	e: the claimed invention cannot be considered to involve an inventive		
"L" document which may throw doubts on priority claim(s) or which is		step when the document is taker	alone		
cited to establish the publication date of another citation or other special reason (as specified)		considered to involve an inve	e; the claimed invention cannot be entive step when the document is		
"O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than		combined with one or more other being obvious to a person skilled	er such documents, such combination		
the priority date claimed "&" document member of the same patent family					
Date of the set	al completion of the international search	Date of mailing of the internations	al search report		
	e, 2005 (03.06.05)	21 June, 2005 (
Name and mailing address of the ISA/		Authorized officer			
	se Patent Office				
Facsimile No. Telephone No.					
Form PCT/ISA/210 (second sheet) (January 2004)					

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Y A	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 82658/1974 (Laid-open No. 12643/1976) (Noriyuki FURUHASHI), 29 January, 1976 (29.01.76), Page 5, line 13 to page 6, line 11; Figs. 3 to 5 (Family: none)		1,4,5 2,3,6
Y A	JP 3073028 U (Luo Ji Shen), 23 August, 2000 (23.08.00), Par. No. [0005]; Fig. 1 (Family: none)		· 5
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